

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <u>Johnson</u>	SE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$	17	T 13 S	R 22 <u>EX</u>

Distance and direction from nearest town or city street address of well if located within city?

1 mile south of Clearview City, KS

2 WATER WELL OWNER:	<u>Sunflower Army Ammunition Plant</u>		
RR#, St. Address, Box # :	<u>DeSoto, Kansas 66018</u>	<u>P.O. Box 549</u>	Board of Agriculture, Division of Water Resources
City, State, ZIP Code :	<u>Well No. MW 81-45</u>	<u>35425 W. 103rd ST.</u>	Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: <u>42.0</u> ft. ELEVATION: <u>877.5'</u>
	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>12.2</u> ft. below land surface measured on mo/day/yr <u>8-17-95</u> Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter <u>8</u> in. to ft. and in. to ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only <u>10 Monitoring well X</u> Was a chemical/bacteriological sample submitted to Department? Yes.....No..... <u>X</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No <u>X</u>

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<u>2 PVC X</u>	4 ABS	7 Fiberglass	Welded
Blank casing diameter <u>4</u> in. to ft., Dia in. to ft., Dia in. to ft.			Threaded
Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.			
TYPE OF SCREEN OR PERFORATION MATERIAL:	<u>7 PVC X</u>	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:			11 Other (specify)
1 Continuous slot	<u>3 Mill slot</u>	5 Gauzed wrapped	8 Saw cut
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes
SCREEN-PERFORATED INTERVALS: From <u>5.0</u> ft. to <u>40.7</u> ft., From ft. to ft.			11 None (open hole)
GRAVEL PACK INTERVALS: From <u>3.5</u> ft. to <u>42.0</u> ft., From ft. to ft.			10 Other (specify)

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	<u>X</u> Other microfine cement
Grout Intervals: From <u>3.0</u> ft. to ft., From <u>42.0</u> ft. to ft., From ft. to ft.				
What is the nearest source of possible contamination:				
1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	<u>16 Other (specify below)</u>
			13 Insecticide storage	Settling Pond A
Direction from well? <u>East</u>			How many feet? <u>300</u>	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
			0.0	3.0	Clay soil - tamped
			3.0	42.0	Well abandoned by staged pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was placed approx. 10' above the bottom of the well, 12 to 25 gallons of grout were pumped at up to 50 psi. The packer was then moved up another 10' and 12 to 25 gallons pumped at up to 50psi. The procedure was repeated until the entire well annulus and casing were filled to the surface with grout. All surface features were removed, the well excavated to a depth of 3', the casing cut off, and the hole backfilled with clay soil and tamped. Calculated grout vol. = 52gal
		CF: KDHE, Bur. of Water			
		SFAAP			
		USACE-MRK-EP-GG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>8-17-95</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) <u>9-29-95</u> under the business name of <u>US ARMY CORPS OF ENGINEERS</u> by (signature) <u>Shawn Quornick</u>
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